



Form HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.	SERIAL NO.
1736-000001/REB	10/643,674
APPLICANT	
HYON et al.	
FILING DATE	GROUP
August 19, 2003	1711

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/Subclass	(If appropriate) Filing Date
1.	SB	3,563,870	Feb. 16, 1971	Tung et al.		
2.	SB	4,586,995	May 6, 1986	Randall et al.		
3.	SB	4,668,577	May 26, 1987	Ohta et al.		
4.	SB	5,160,464	Nov. 3, 1992	Ward et al.		

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Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/Subclass	Translation Yes	No
.1.	SB	CA 1257745	Jul. 18, 1989	Canada		N/A	

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Ref. Desig.	Examiner's Initials	
1.	SB	Bhateja et al. "Radiation-Induced Crystallinity Changes in Linear Polyethylene," <i>Journal of Polymer Science: Polymer Physics Edition</i> , Vol. 21 (1983) p. 523-536.
2.	SB	Bhateja, S.K. "Radiation-Induced Crystallinity Changes in Linear Polyethylene: Influence of Aging," <i>Journal of Applied Polymer Science</i> , Vol. 28 (1983) p. 861-872.
3.	SB	Muratoglu et al. "A Novel Method of Cross-Linking Ultra-High-Molecular-Weight Polyethylene to Improve Wear, Reduce Oxidation, and Retain Mechanical Properties," <i>The Journal of Arthroplasty</i> , Vol. 16, No. 2 (2001) p. 149-160.
4.	SB	Shinde et al., "Irradiation of Ultrahigh-Molecular-Weight Polyethylene," <i>Journal of Polymer Science: Polymer Physics Edition</i> , Vol. 23 (1985) p. 1681-1689.
5.	SB	Streicher, R.M. "UHMW-Polyethylen als Werkstoff für artikulierende Komponenten von Gelenkendoprothesen (UHMW Poyethylene Used as a Material for the Articulating Components of Endoprostheses)," <i>Biomed. Technik</i> , Vol. 38, No. 12 (1993) p. 303-313. (See English Abstract)

Examiner: /Susan Berman/

Date Considered: 06/12/2006

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1.	SB	4,902,460	02/20/1990	Yagi et al.		
2.		5,478,906	12/26/1995	Howard, Jr.		
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4.		5,684,124	11/04/1997	Howard, Jr. et al.		
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1.	SB	Appleby et al. "Post-Gamma Irradiation Cross-linking of Polyethylene Tape by Acetylene Treatment" Journal of Materials Science. Vol. 29 (1994) p. 227-231.
2.	SB	Appleby et al. "Property Modification of Polyethylene Tapes by Acetylene-Sensitized Gamma Irradiation" Journal of Materials Science. Vol. 29 (1994) p 151-156.
3.	SB	Bhateja et al. "Radiation-Induced Crystallinity Changes in Polyethylene Blends" Journal of Materials Science. Vol. 20 (1985) p. 2839-2845.
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11.		du Plessis et al. "The Improvement of Polyethylene Prostheses Through Radiation Crosslinking" Radiat. Phys. Chem. Vol. 9 (1977) p. 647-652.	
12.		Ellwanger et al. "Very High Pressure Molding of Ultra High Molecular Weight Polyethylene (UHMWPE)" ANTEC. (1987) p. 572-574.	
13.		Gauvin et al., "Investigation of the Radio Frequency Heating Process for UHMWPE" ANTEC. (1987) p. 575-578.	
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17.		Kato et al. "Structural Changes and Melting Behavior of γ -Irradiated Polyethylene" Japanese Journal of Applied Physics. Vol. 20, No. 4. (April 1981) p. 691-697.	
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23.		Minkova et al. "Blends of Normal High Density and Ultra-High Molecular Weight Polyethylene, γ Irradiated at a Low Dose" Colloid Polym Sci. Vol. 268 (1990) p. 1018-1023.	
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33.		Patel, G. "Acceleration of Radiation-Induced Crosslinking in Polyethylene by Diacetylenes" Radiat. Phys. Chem. Vol. 14 (1979) p. 729-735.	
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44.	SB	Streicher, R. "Ionizing Irradiation for Sterilization and Modification of High Molecular Weight Polyethylenes" Plastics and Rubber Processing and Applications. Vol. 10, (1988) p. 221-229.	
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1.	SB	4,390,666	06/28/1983	Moriguchi et al.		
2.	SB	5,466,530	11/14/1995	England et al.		
3.	SB	5,709,020	01/20/1998	Pienkowski et al.		

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1.	SB	WO 93/10953	06/10/1993	WIPO		N/A	

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